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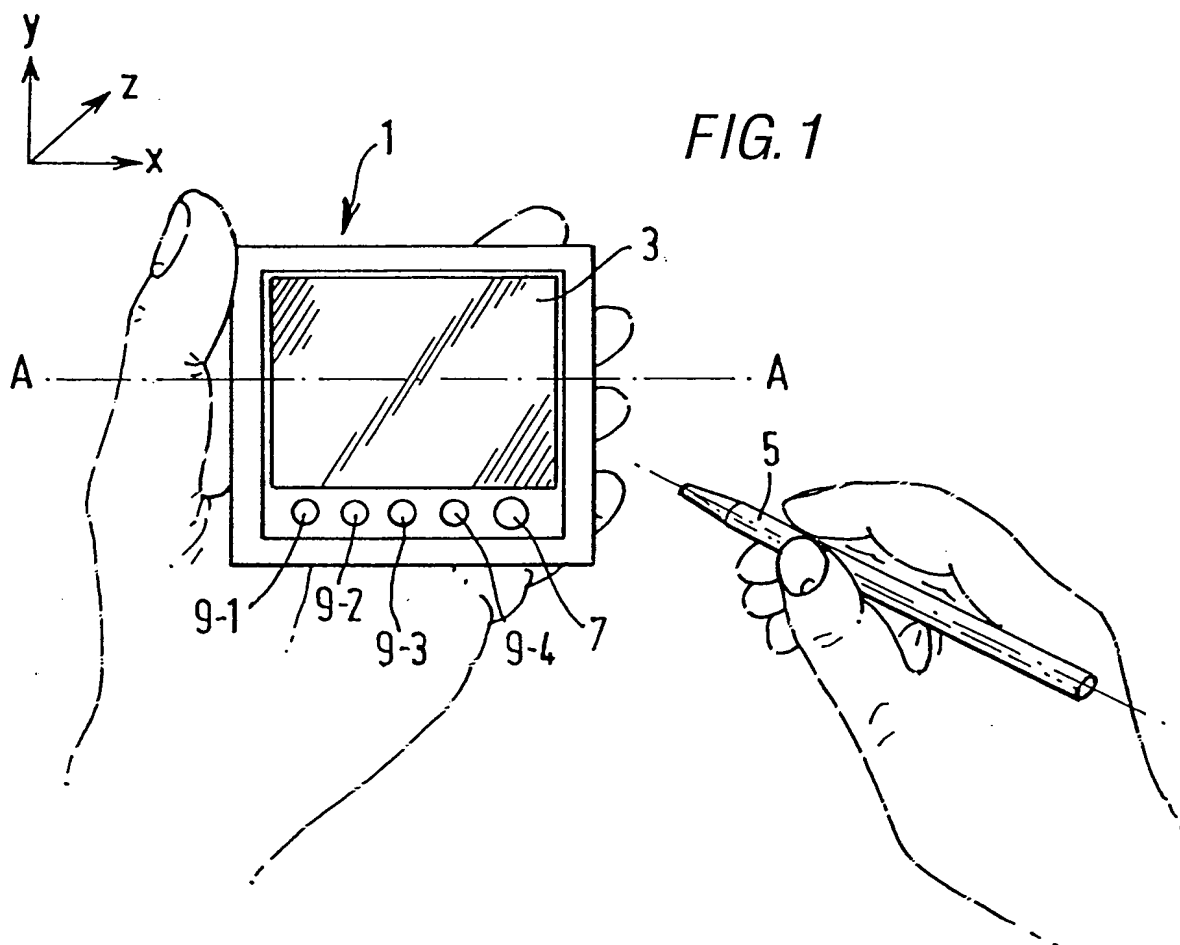


FIG. 2

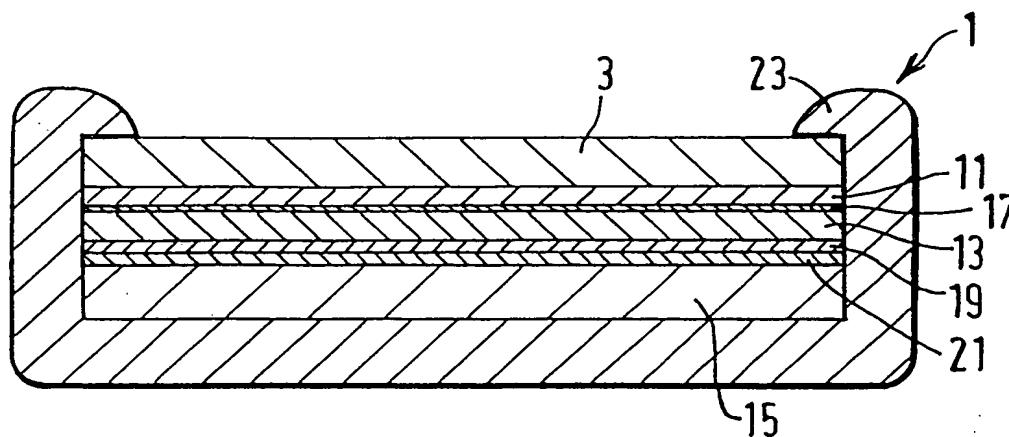
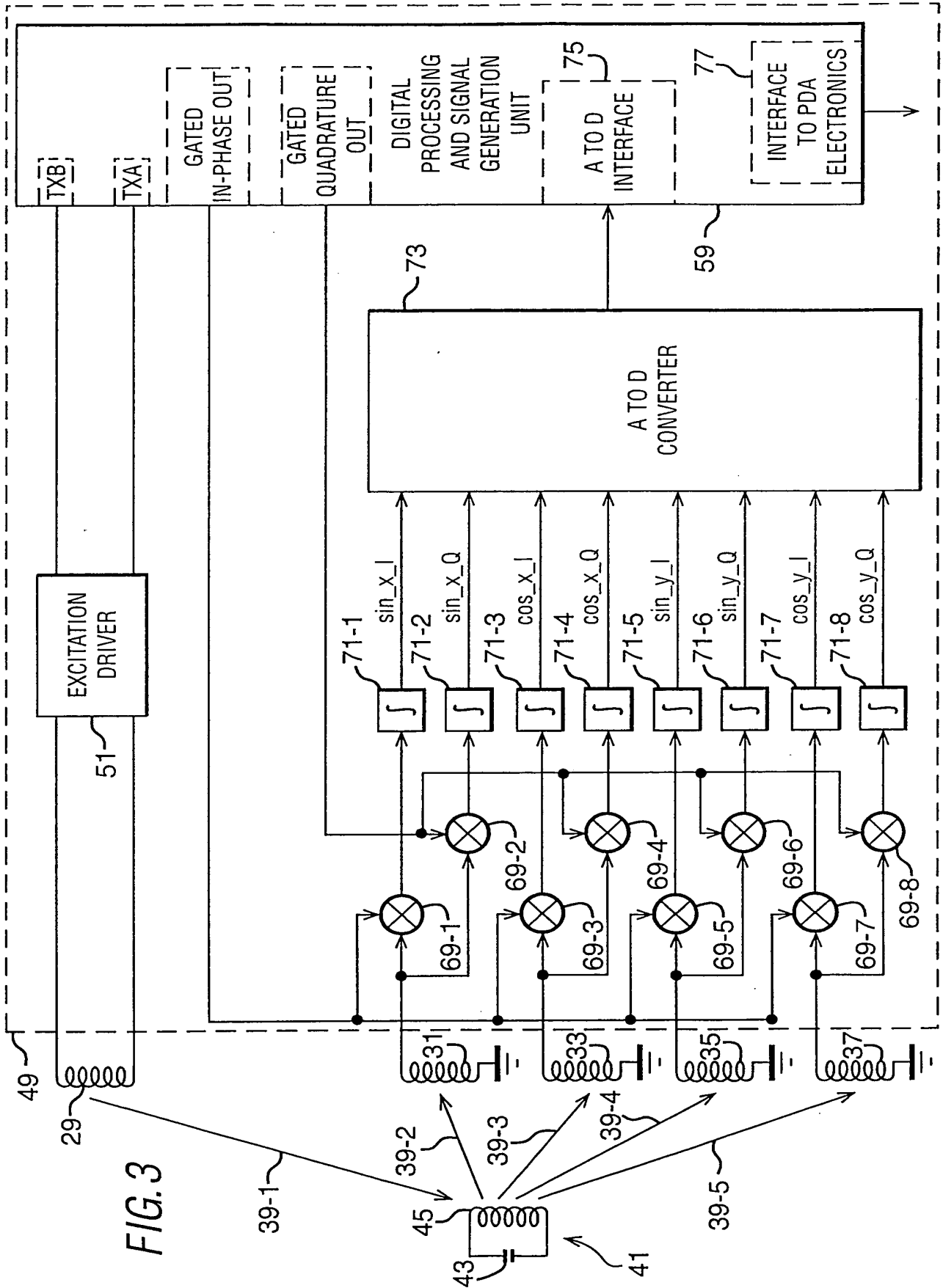


FIG. 3



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FIG. 4a

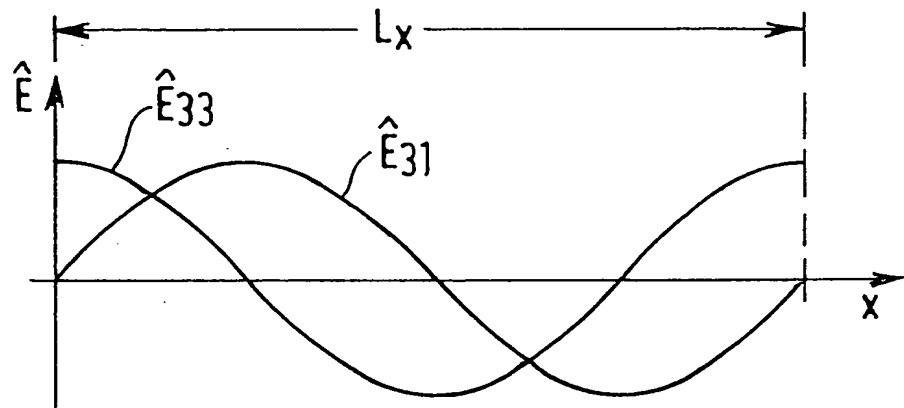
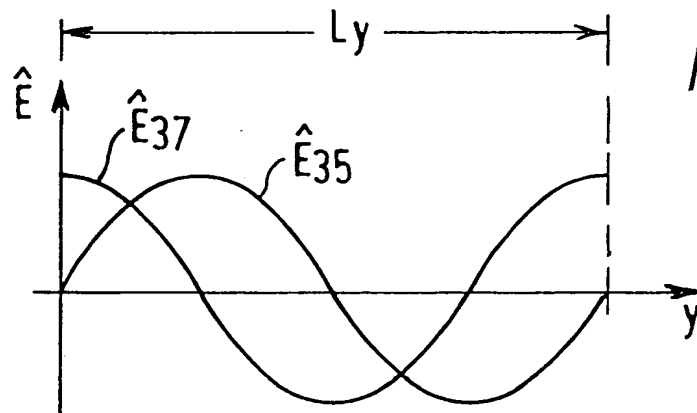
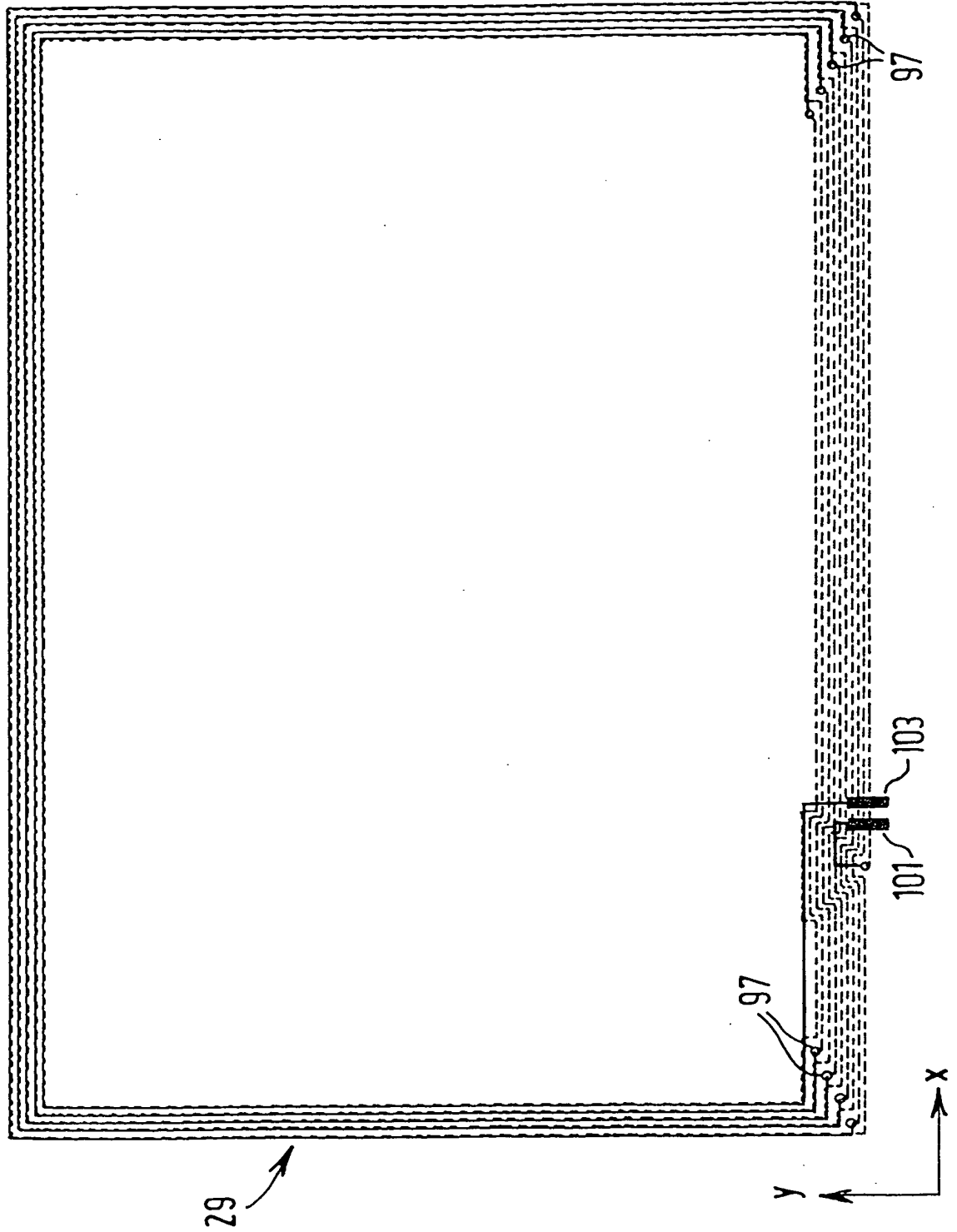


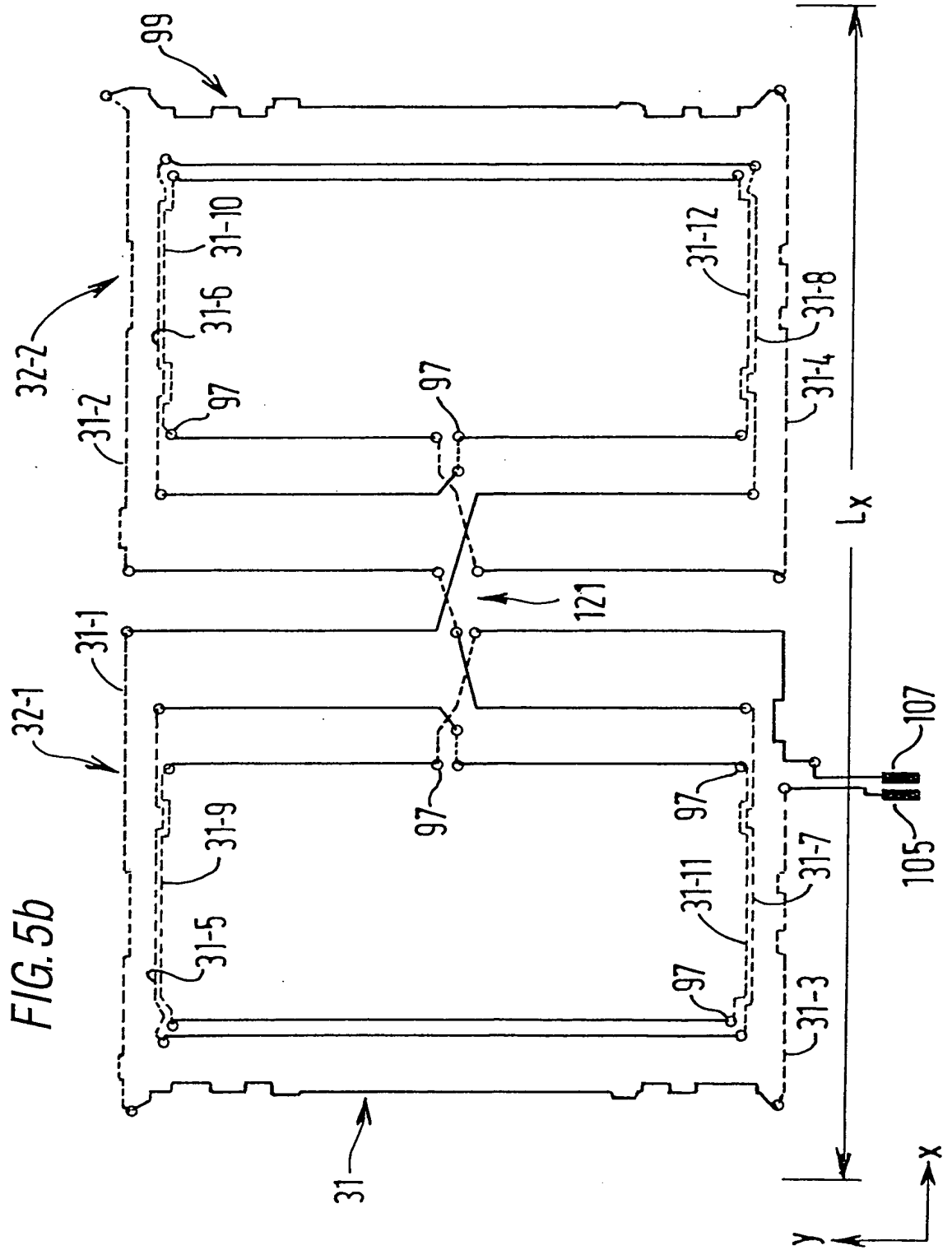
FIG. 4b

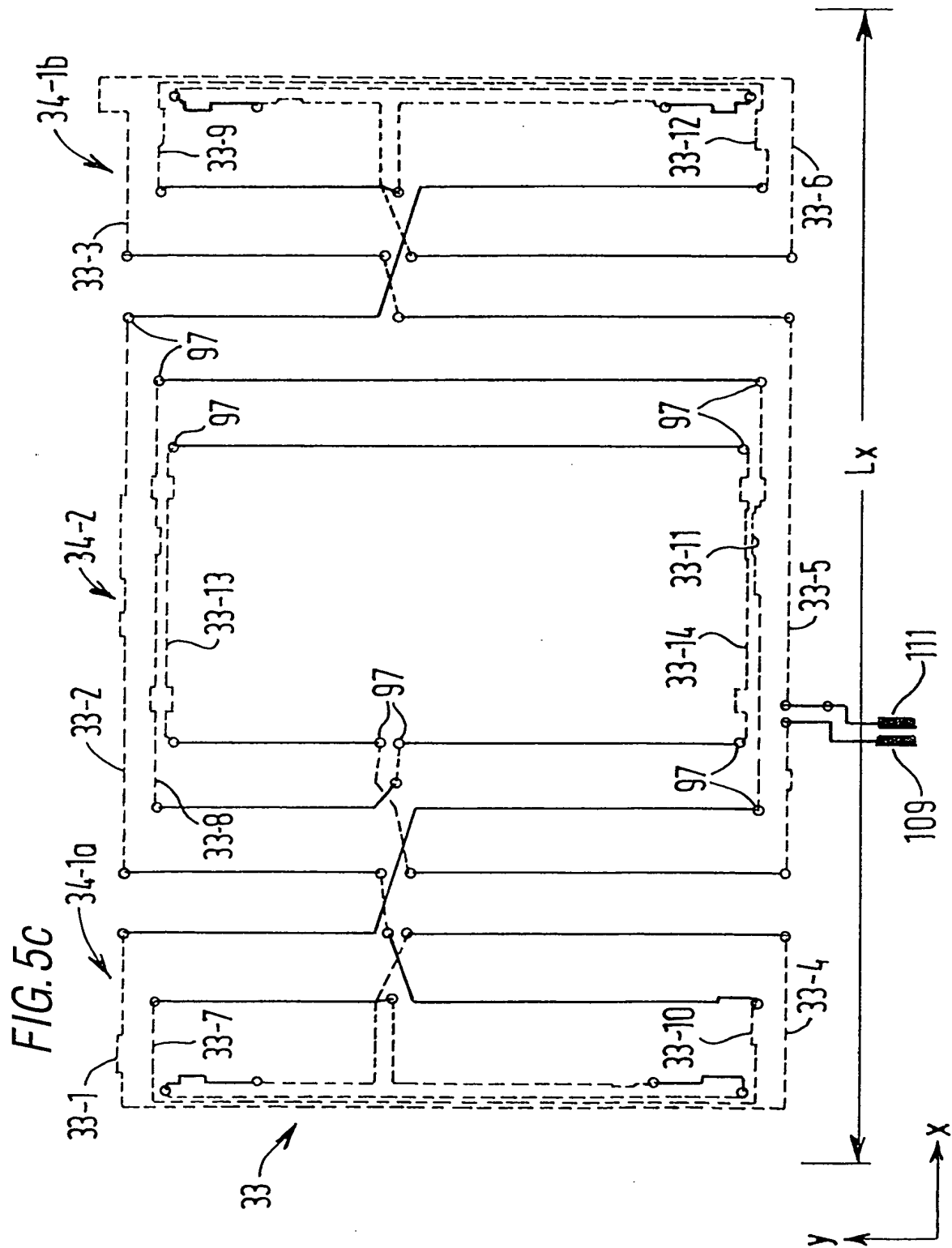


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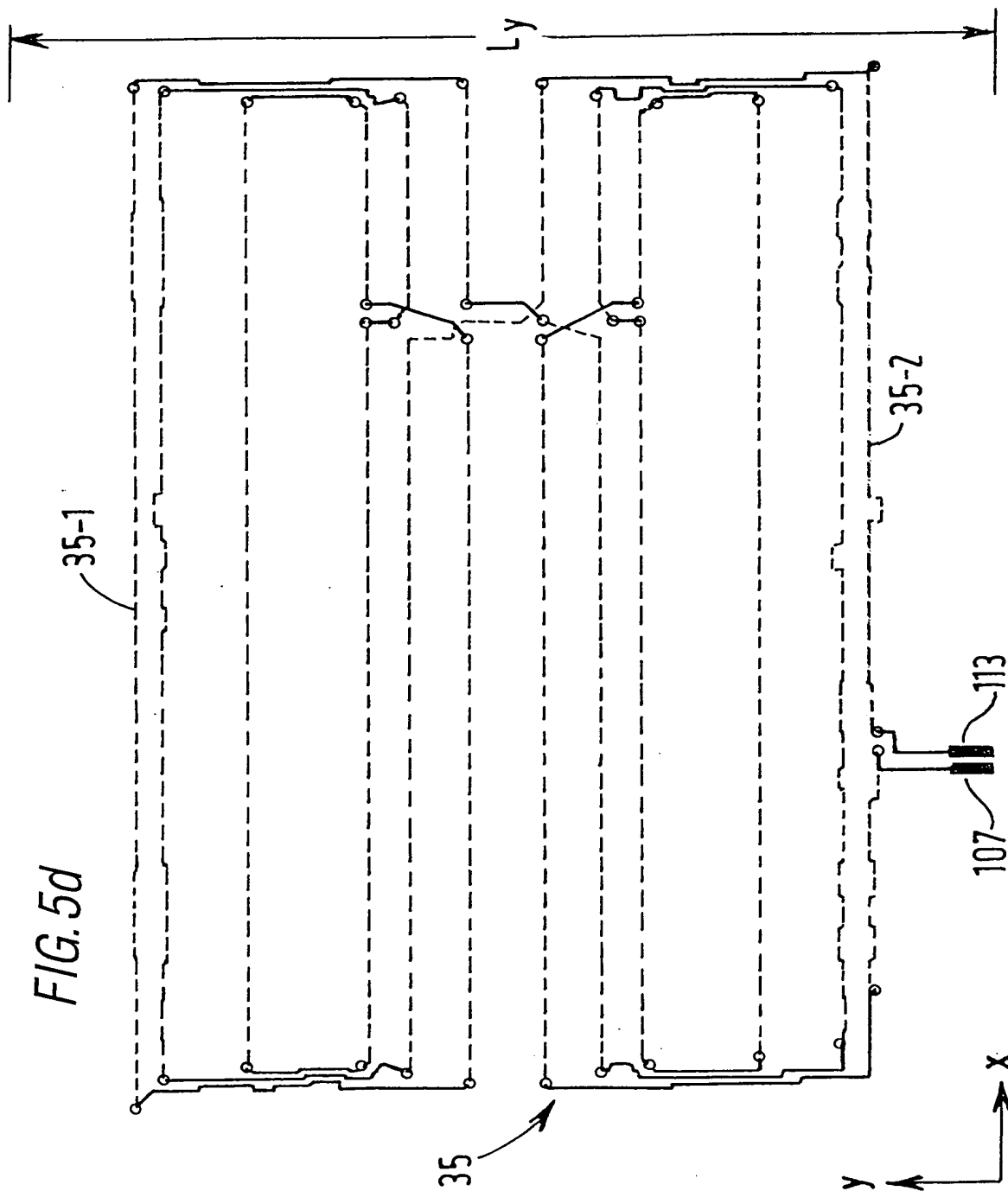
FIG. 5a



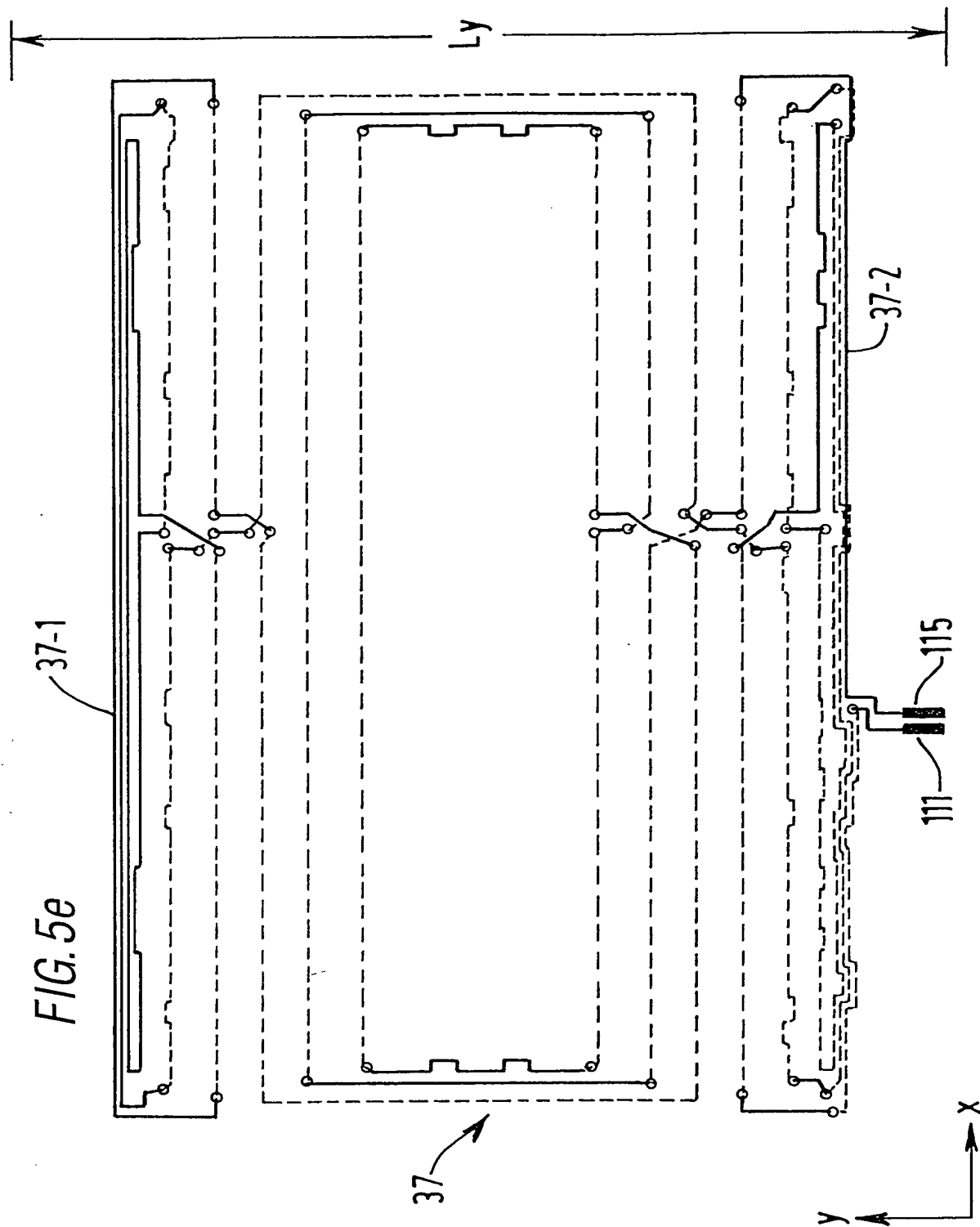




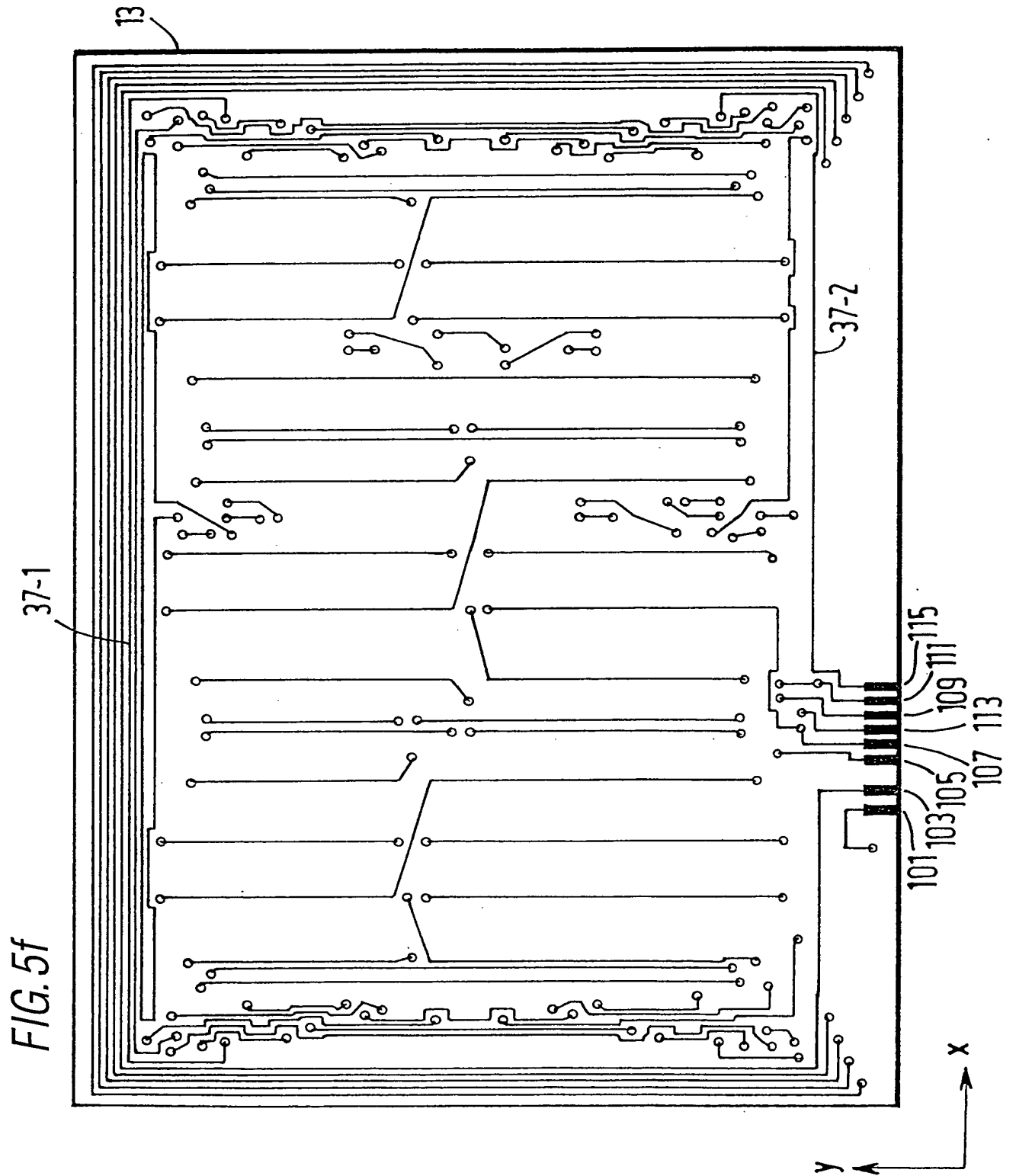
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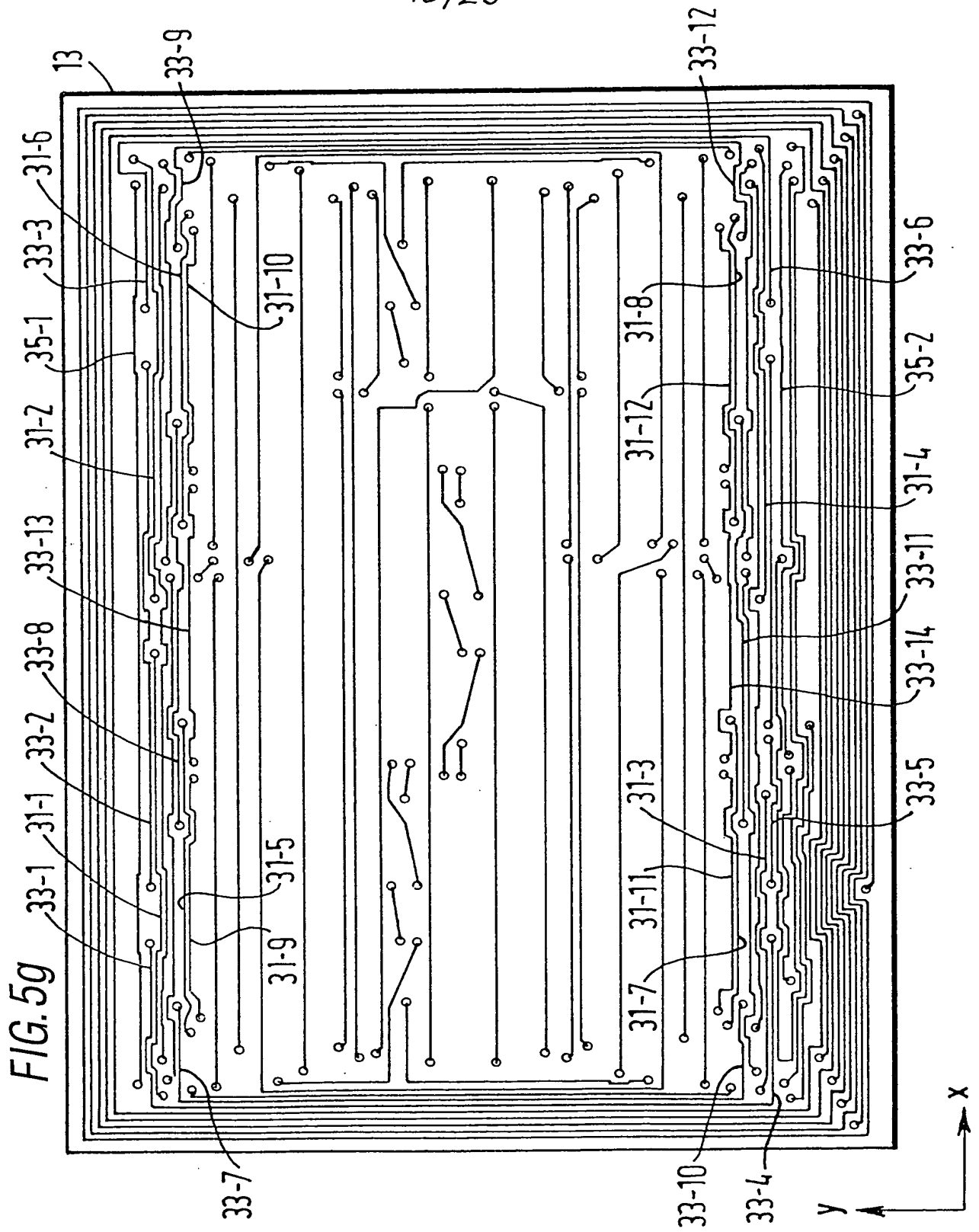
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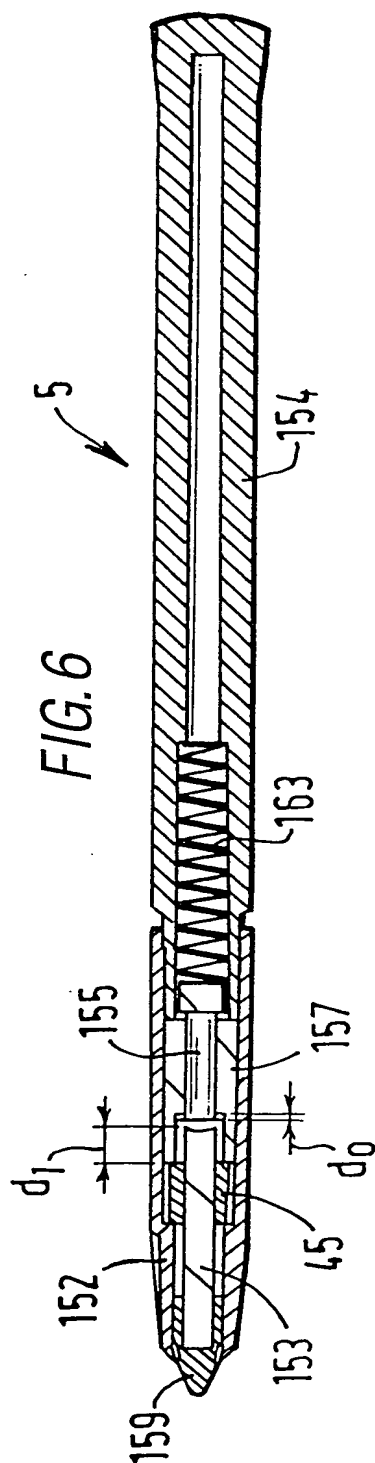
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FIG. 7

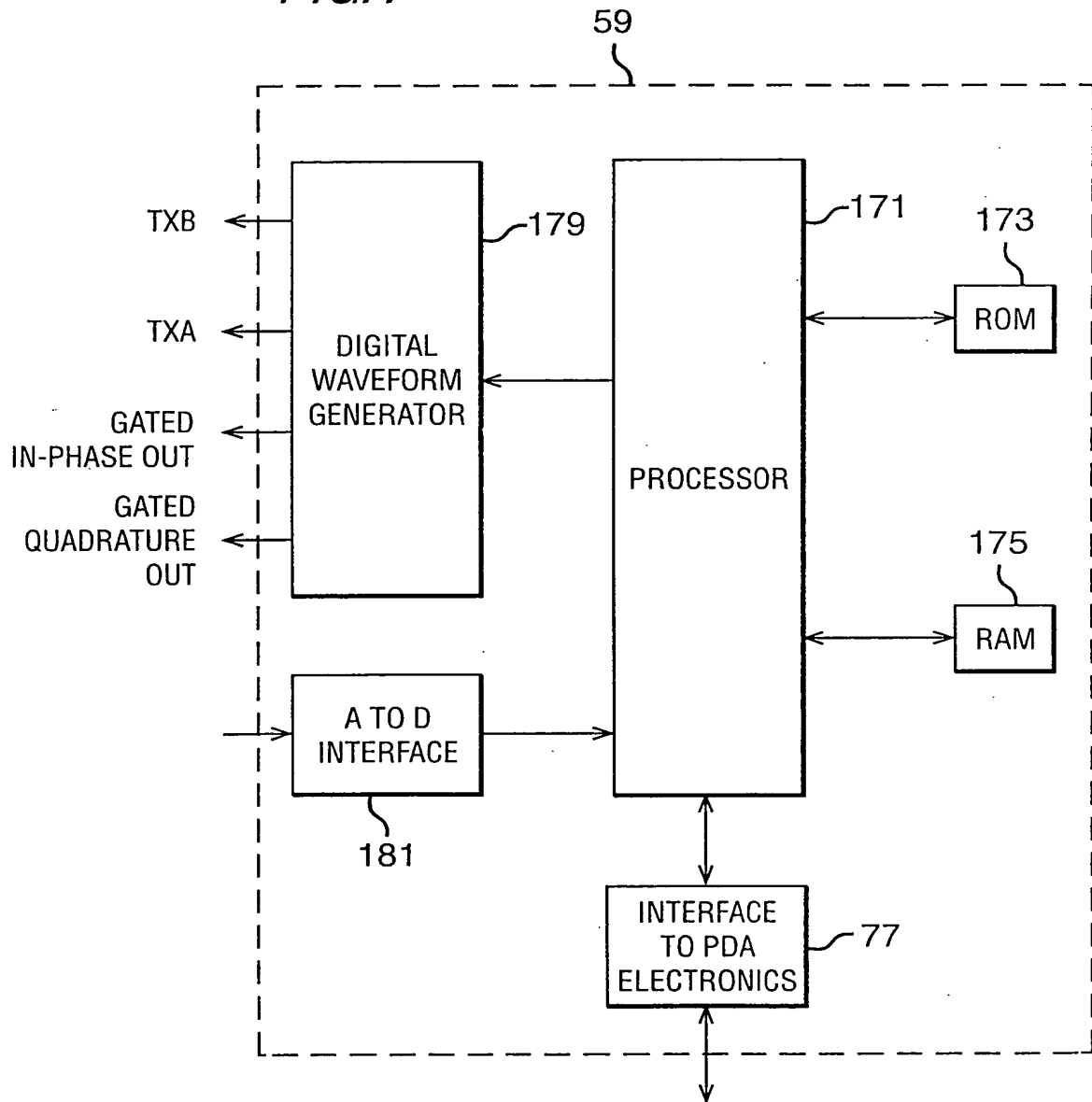
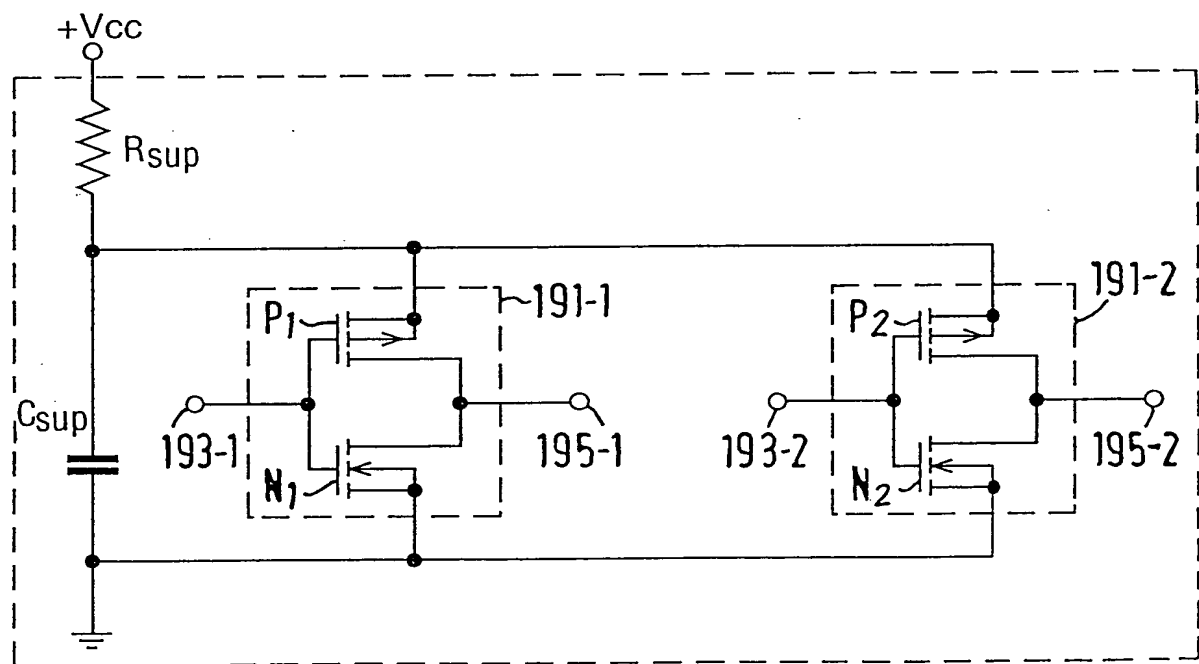


FIG. 8



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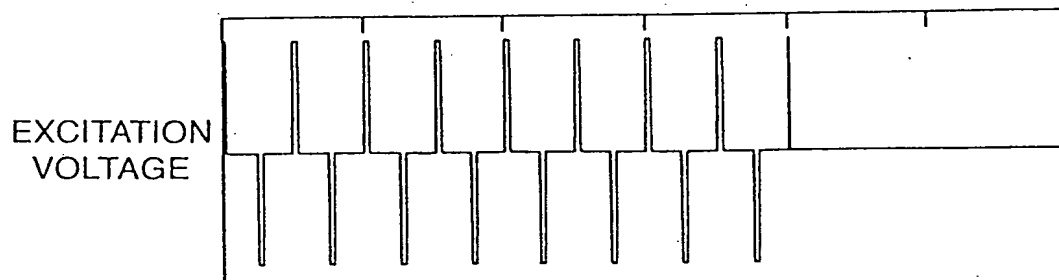


FIG. 9a

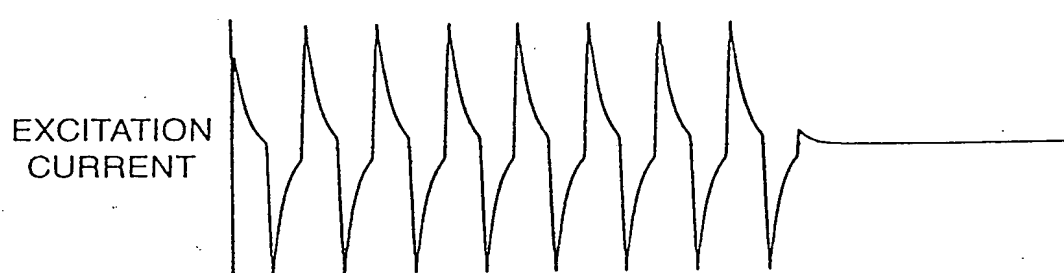


FIG. 9b

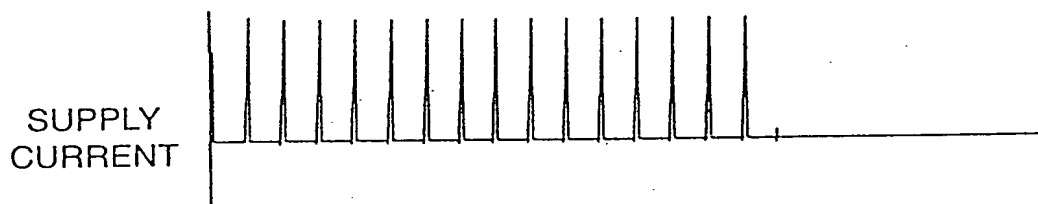


FIG. 9c

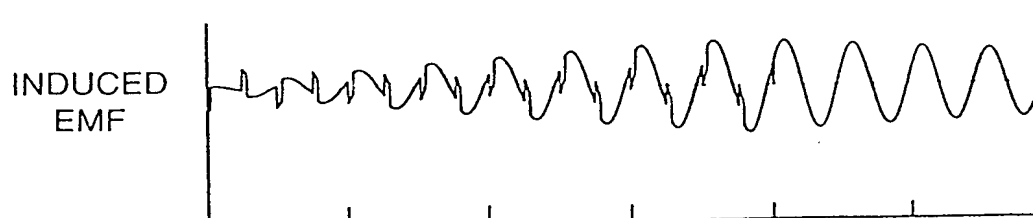


FIG. 9d

0 20 40 60 80 100
TIME (μ s)

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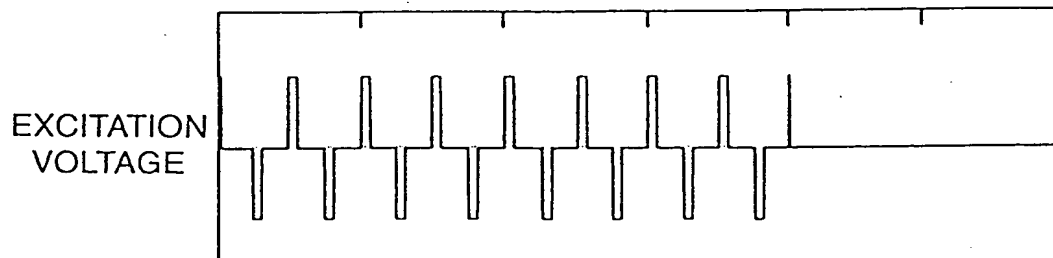


FIG. 10a

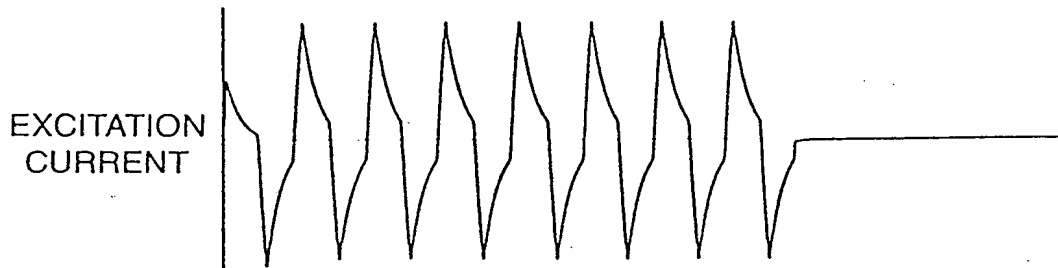


FIG. 10b

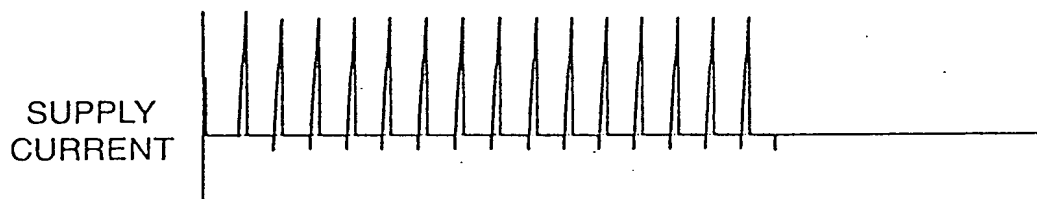


FIG. 10c

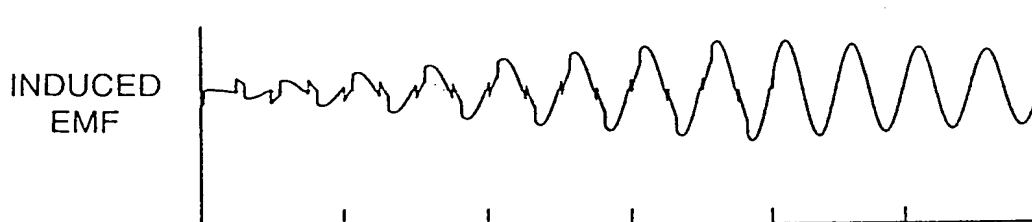
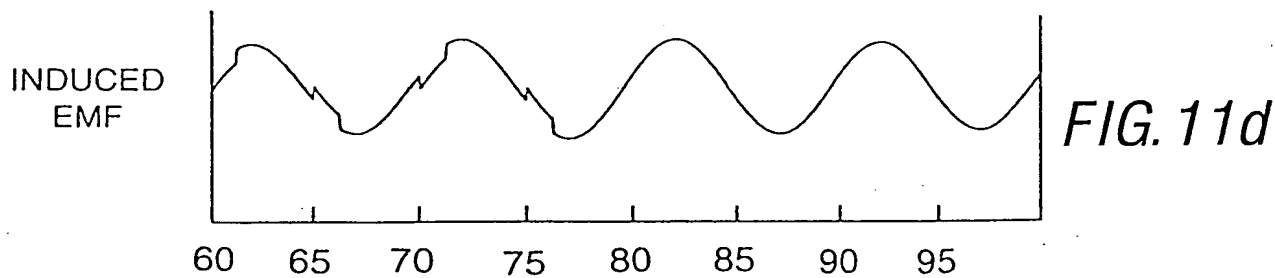
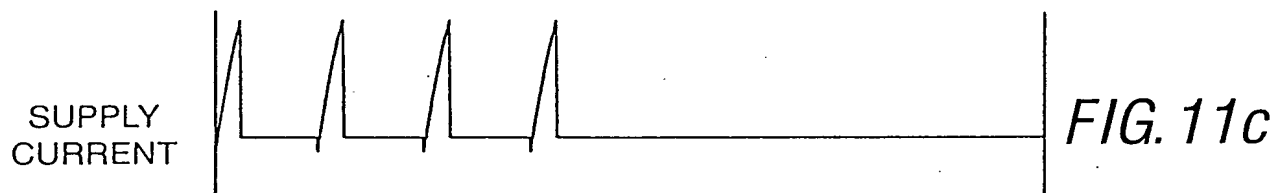
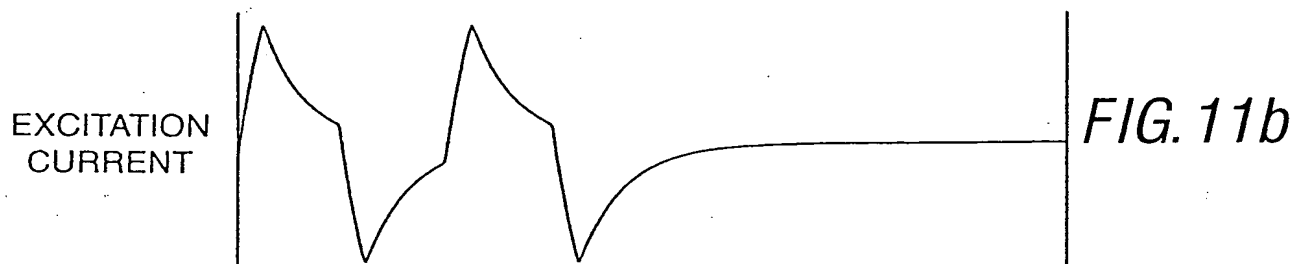
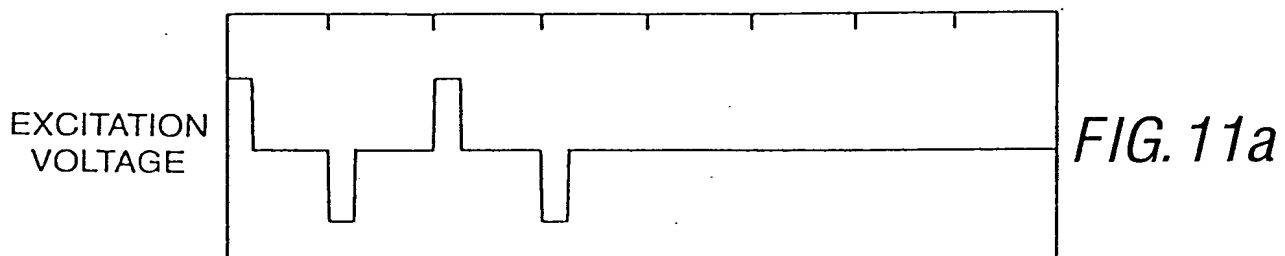


FIG. 10d

0 20 40 60 80 100

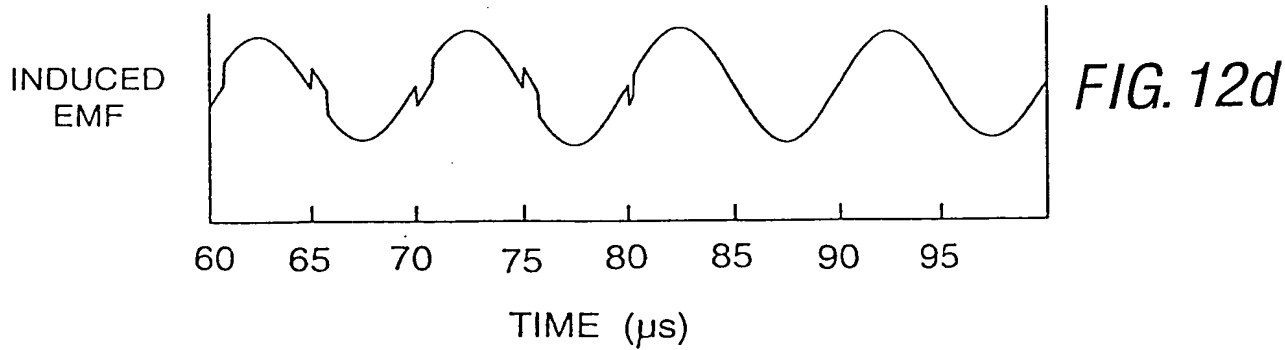
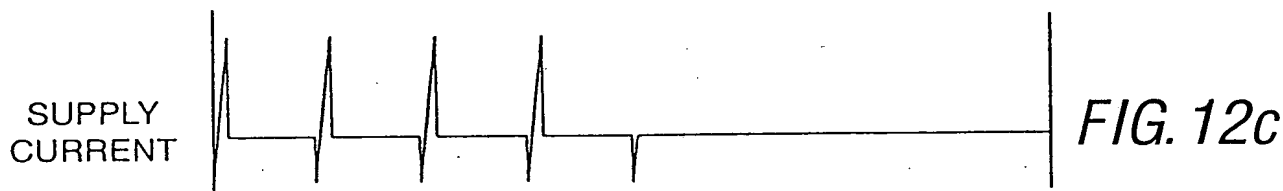
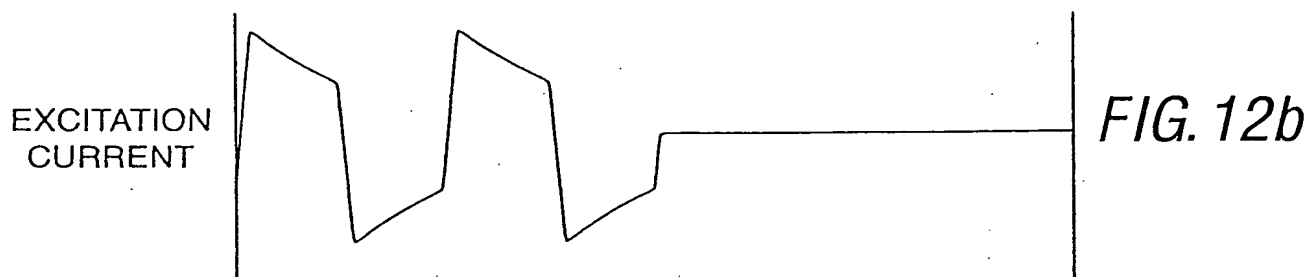
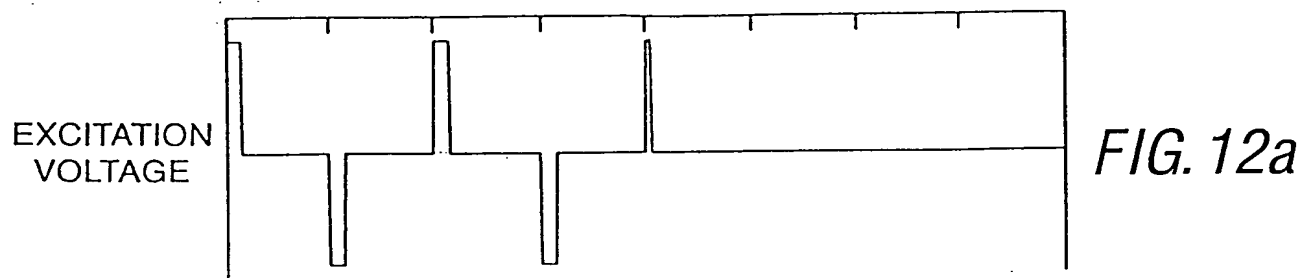
TIME (μs)

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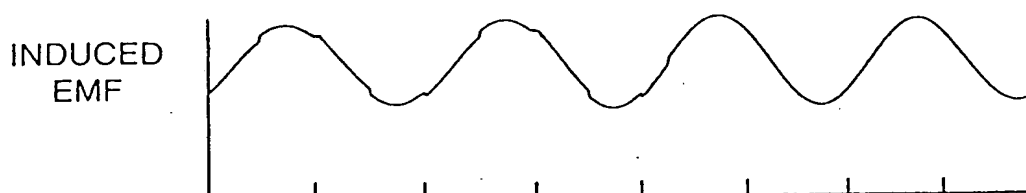
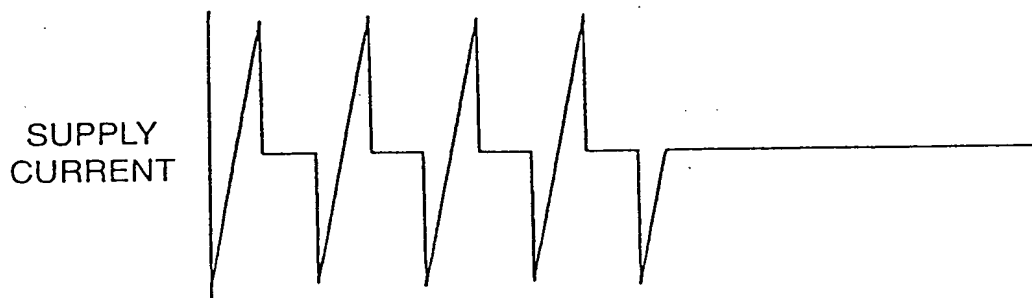
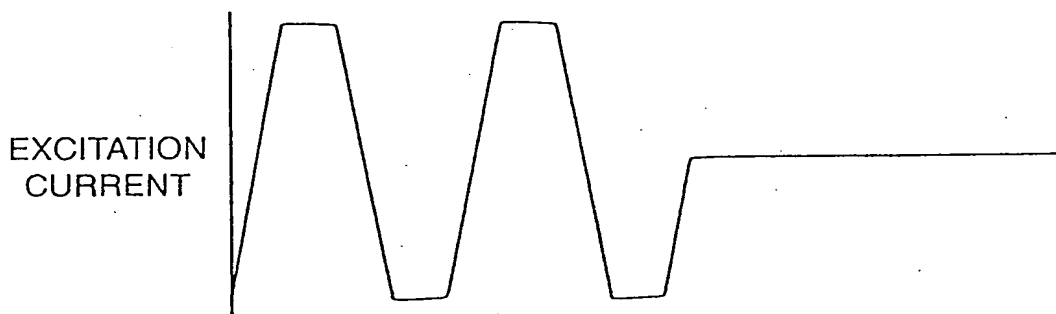
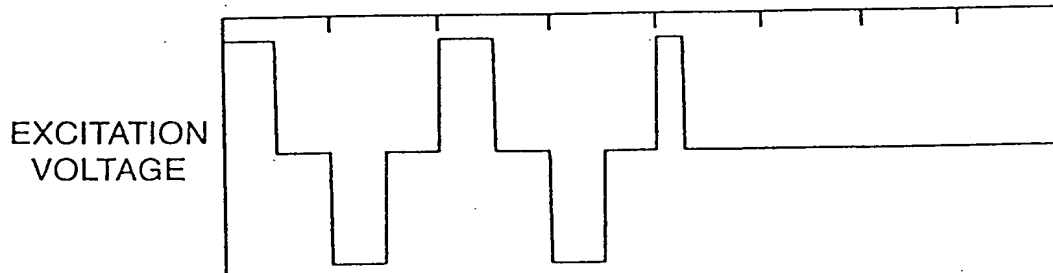


TIME (μ s)

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60 65 70 75 80 85 90 95

TIME (μ s)

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EXCITATION
VOLTAGE

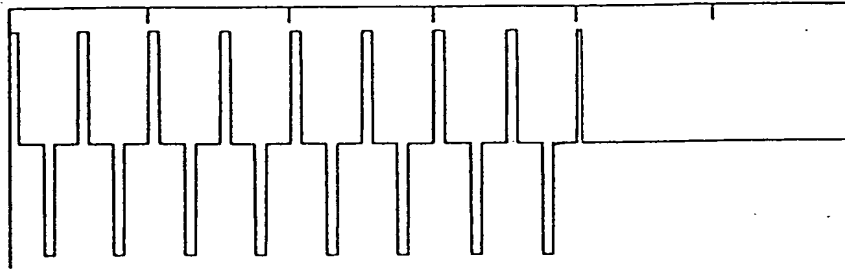


FIG. 14a

EXCITATION
CURRENT

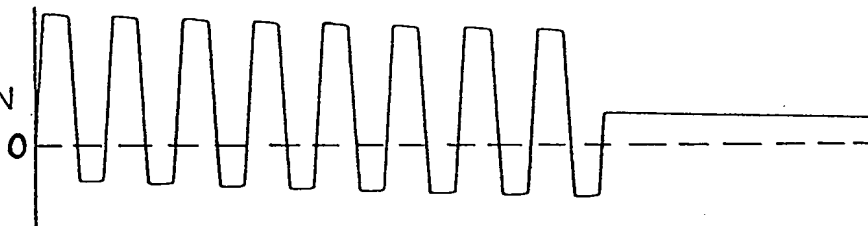


FIG. 14b

SUPPLY
CURRENT

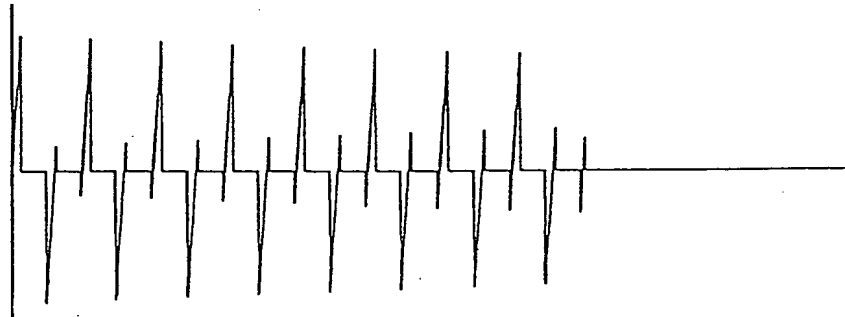


FIG. 14c

INDUCED
EMF

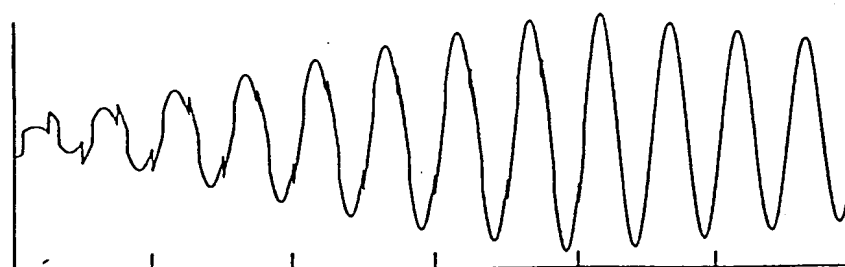


FIG. 14d

0 20 40 60 80 100

TIME (μ s)

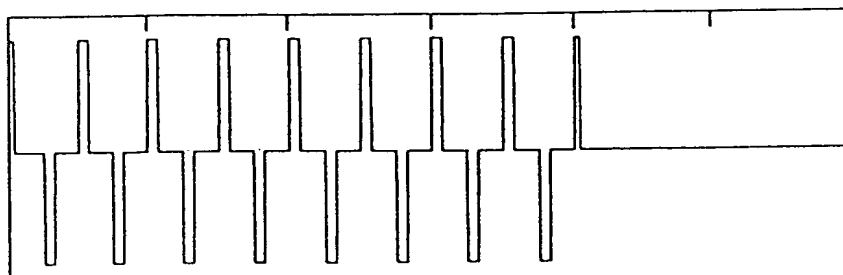
EXCITATION
VOLTAGE

FIG. 15a

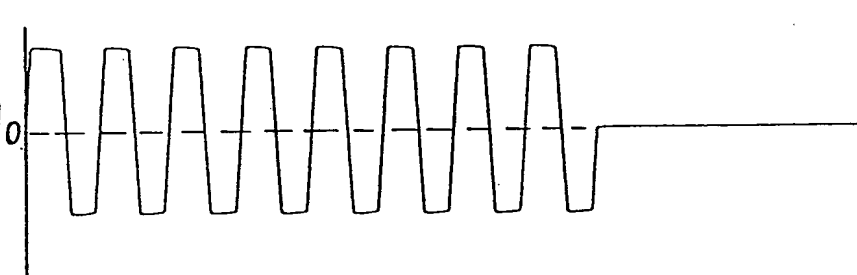
EXCITATION
CURRENT

FIG. 15b

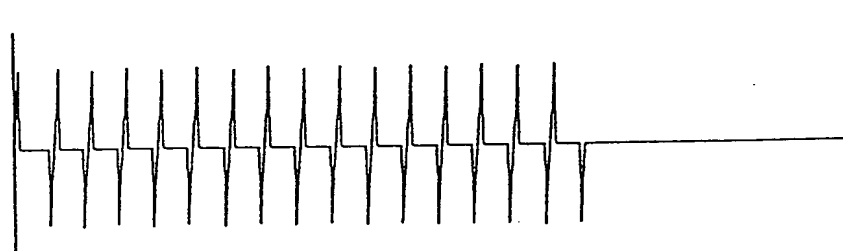
SUPPLY
CURRENT

FIG. 15c

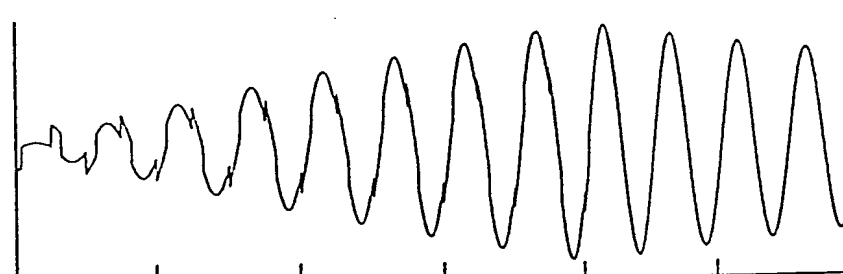
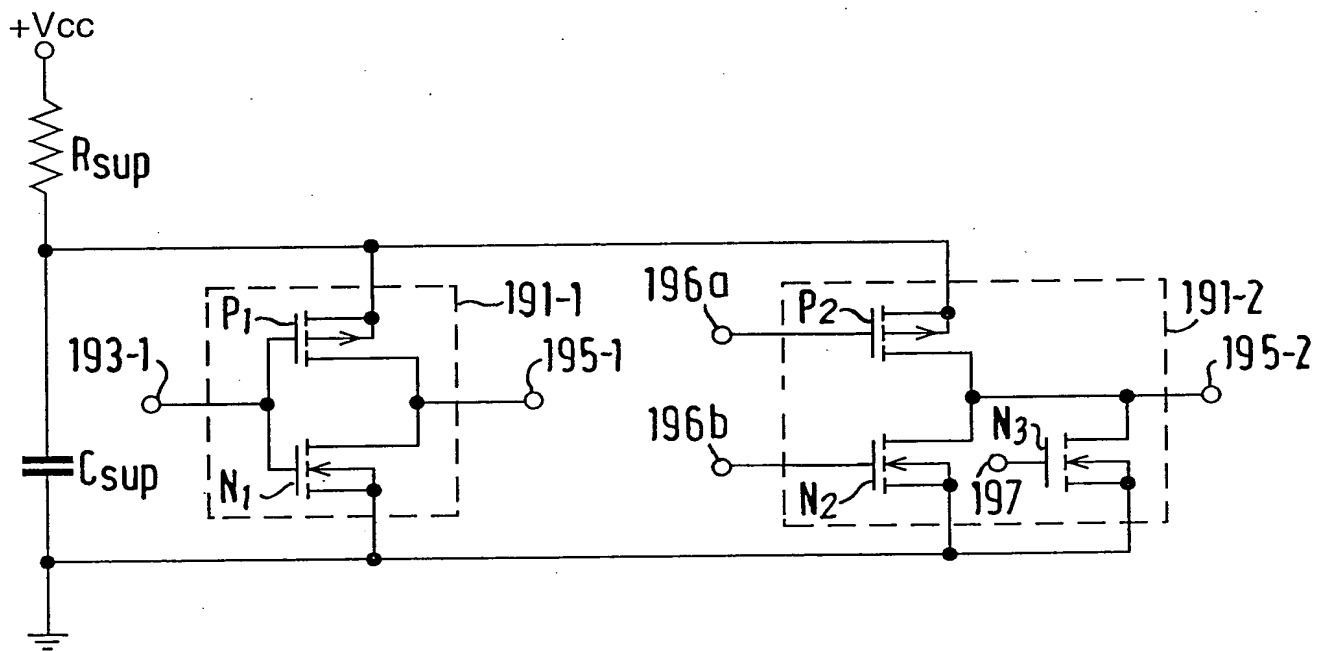
INDUCED
EMF

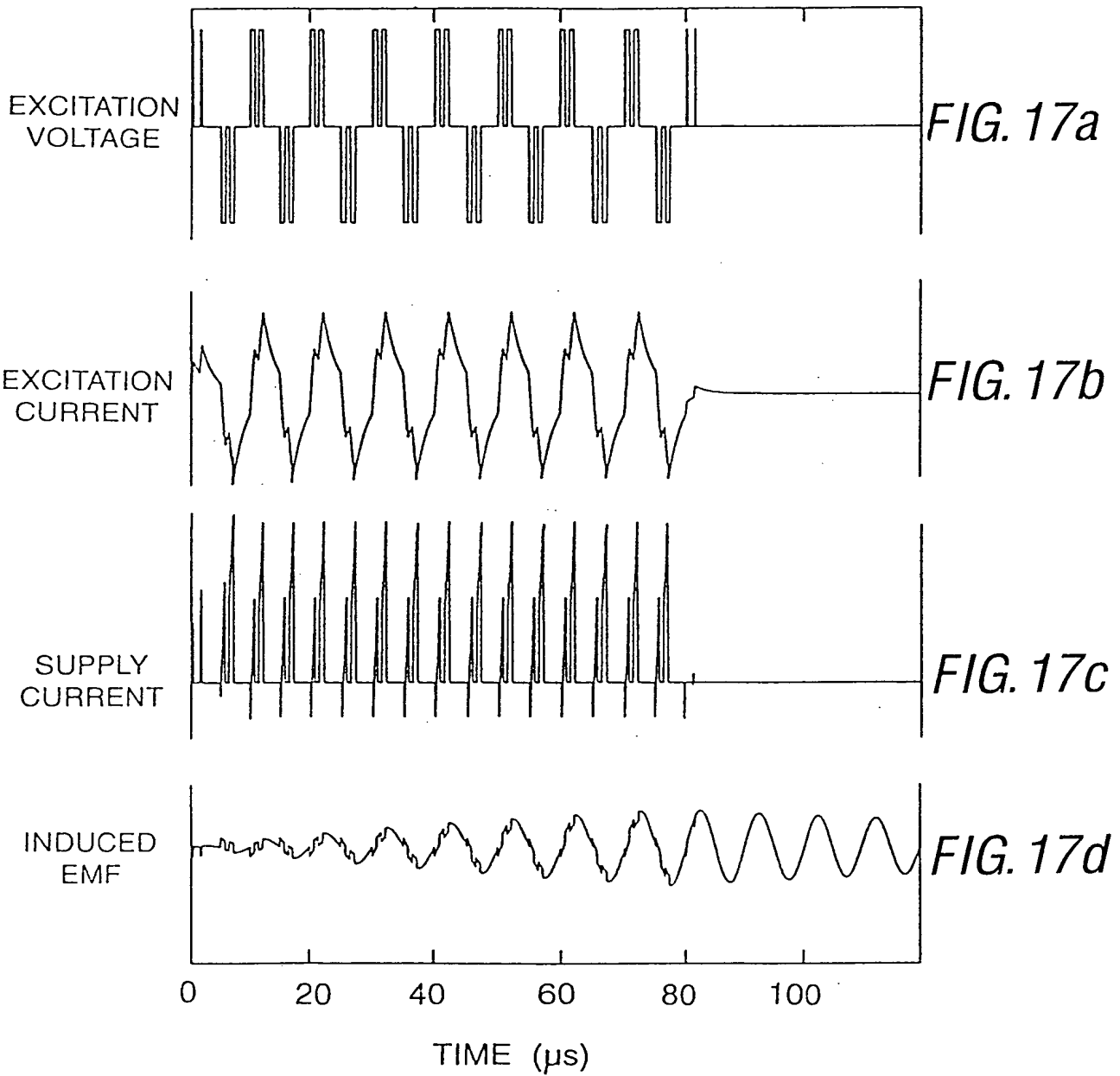
FIG. 15d

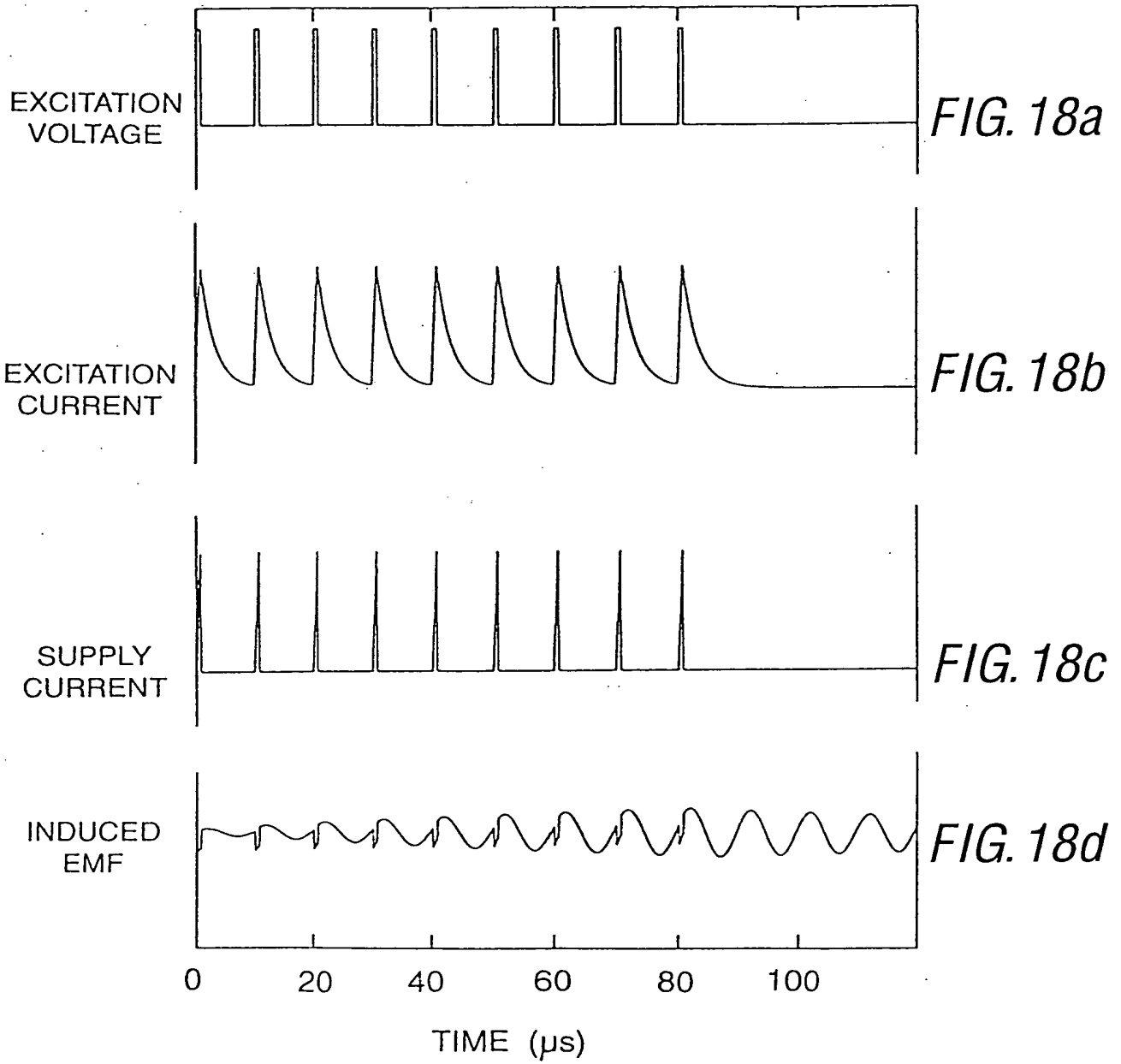
0 20 40 60 80 100

TIME (μ s)

FIG. 16







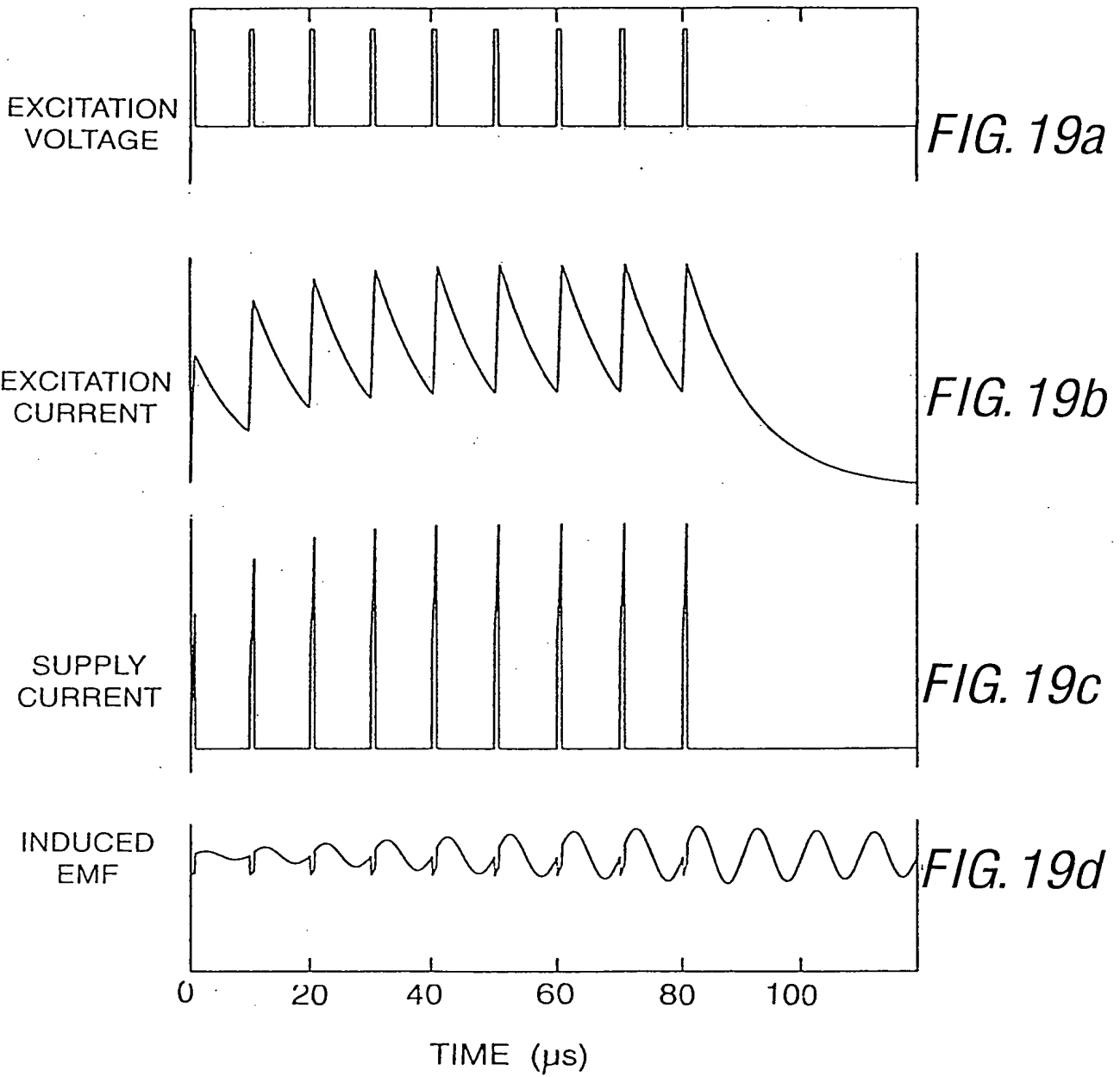


FIG. 20

